

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2005/000022

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: G11C 11/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, PCT, USPTO, IEEE (IPC: G11C, phase change, chalcogenide, ovonic, multilayer, layer, laminar, stack, etc.)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0026730 A1 (KOSTYLEV et al), 12 February 2004 the whole document	1-12, 15-17, 20-23, 26-34
X	EP 1 202 285 A2 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.), 2 May 2002 the whole document	1-12, 15-17, 20-23, 26-34
X	US 6,507,061 (HUDGENS et al), 14 January 2003 the whole document	17
X	US 5,363,329 A (TROYAN), 8 November 1994 the whole document	17

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

7 April 2005

Date of mailing of the international search report.

18 APR 2005

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

MATTHEW HOLLINGWORTH

Telephone No : (02) 6283 2024

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2005/000022

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,203,123 A (SHANKS), 13 May 1980 the whole document	17
X	US 4,177,475 A (HOLMBERG), 4 December 1979 the whole document	17
A	US 2003/0155589 A1 (CAMPBELL et al), 21 August 2003 the whole document	1-34

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/SG2005/000022

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US	2004026730	US	6872963
EP	1202285	US	2004026731
		CN	1351379
		JP	2002203392
		US	6809401
		US	2002131309
US	6507061	US	6674115
		US	2003071289
		US	2003080427
		WO	03021692
US	5363329	NONE	
US	4203123	NONE	
US	4177475	BR	7806710
		DE	2845289
		FR	2407572
		GB	2007020
		JP	54088739
US	2003155589	AU	2003217405
		EP	1476909
		US	2004192006
		WO	03071614

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX